

ABSTRACT OF THE DISCLOSURE

A storage device controlling apparatus includes: a plurality of channel controllers having a circuit board on which are formed a file access processing section receiving requests to input and output data in files as units from an information processing apparatus and an I/O processor outputting I/O requests corresponding to the requests to input and output data to a storage device; and a disk controller executing input and output of data into and from the storage device in response to the I/O requests sent from the I/O processors. In the storage device controlling apparatus, the disk controller performs a replication management processing whereby data is also written into a second logical volume to store a copy of the data in the second logical volume, when the data is written into a first logical volume.